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**From:** Parsons, Doug [Parsons.Douglas@epa.gov]  
**Sent:** 8/8/2018 12:49:23 PM  
**To:** Bob.Miller@albemarle.com  
**CC:** Barbara.Little@albemarle.com; Corado, Ana [Corado.Ana@epa.gov]; Dominic.Brown@albemarle.com  
**Subject:** RE: Discussions with EPA on 1-BP

Hello Bob

Good luck with all those house closing exercises.

Our team is pushing ahead with the draft risk evaluation for 1-BP, so the sooner you can share your analysis or papers, the better for the overall process. As you know, amended TSCA has very tight statutory deadlines for risk evaluation and risk management. So couple of options:

1. Keep the meeting on August 16, and have the study authors on the call to describe the work and its status. Our science team is available and ready to listen.
2. Reschedule to another time. Some slots that work for our team are: August 20 @ 11 am, August 27 @ 11 am, or August 29 @ 2 pm.
3. Send the papers to EPA and determine if a dialogue would be helpful.
4. Or cancel this meeting, and discontinue the dialogue.

Let me know what works best for you and your team. We stand ready to continue the dialogue, and update you on our work if that is helpful. Please let me know.

Thanks, doug

**From:** Bob.Miller@albemarle.com [mailto:Bob.Miller@albemarle.com]  
**Sent:** Monday, August 06, 2018 3:17 PM  
**To:** Parsons, Doug <Parsons.Douglas@epa.gov>  
**Cc:** Barbara.Little@albemarle.com; Corado, Ana <Corado.Ana@epa.gov>; Dominic.Brown@albemarle.com  
**Subject:** RE: Discussions with EPA on 1-BP

Doug~

Sorry for the long/late reply, I've been reviewing with my team and with the summer upon us, it continues to be hard to circle everyone up.

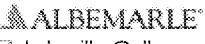
Before we get to this, as I feared, we will need to cancel the meeting as I will be knee deep in house inspections, the legal closing process and moving into my house a few short days before school starts (8/20). When we first aligned on this date, I was optimistic that the builder could get back on track and we would be doing all of those things this week, or even earlier next week, but to no avail. I guess there was even the chance it would be later than expected (they are already late by about 3 weeks), and this meeting would land in the right spot.

This does give us a chance to prepare for the meeting a little bit more, so perhaps would be an improved use of everyone's time.

I am really sorry for the short notice, how should we go about rescheduling? Shall we share calendars, or

perhaps you and I jump on the phone and chat?

Best Regards, Bob.

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From: "Parsons, Doug" <[Parsons.Douglas@epa.gov](mailto:Parsons.Douglas@epa.gov)>  
To: "Bob.Miller@albemarle.com" <[Bob.Miller@albemarle.com](mailto:Bob.Miller@albemarle.com)>  
Cc: "Corado, Ana" <[Corado.Ana@epa.gov](mailto:Corado.Ana@epa.gov)>, "[Barbara.Little@albemarle.com](mailto:Barbara.Little@albemarle.com)" <[Barbara.Little@albemarle.com](mailto:Barbara.Little@albemarle.com)>, "[Dominic.Brown@albemarle.com](mailto:Dominic.Brown@albemarle.com)" <[Dominic.Brown@albemarle.com](mailto:Dominic.Brown@albemarle.com)>  
Date: 08/01/2018 01:14 PM  
Subject: RE: Discussions with EPA on 1-BP

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Hey Bob

Looking forward to the discussion on August 16. Our science team in the Risk Assessment Division had two questions. First, is it possible to send the studies to the agency before the meeting so the team has a chance to review them before the meeting? This would help focus any questions. Second, as you know, on this chemical, there is also work occurring by NTP and NIOSH, and our science team coordinates with them regularly. We have some interest to include them so they can learn about the studies as well. What are your thoughts on this suggestion? I think we are open, and could schedule another meeting with NTP and NIOSH in the future. Appreciate your thoughts. Thanks, doug

**From:** [Bob.Miller@albemarle.com](mailto:Bob.Miller@albemarle.com) [<mailto:Bob.Miller@albemarle.com>]  
**Sent:** Thursday, June 21, 2018 12:11 AM  
**To:** Parsons, Doug <[Parsons.Douglas@epa.gov](mailto:Parsons.Douglas@epa.gov)>  
**Cc:** Corado, Ana <[Corado.Ana@epa.gov](mailto:Corado.Ana@epa.gov)>; [Barbara.Little@albemarle.com](mailto:Barbara.Little@albemarle.com); [Dominic.Brown@albemarle.com](mailto:Dominic.Brown@albemarle.com)  
**Subject:** RE: Discussions with EPA on 1-BP


Doug~

Thank you for your patience, there has been quite a bit of activity, but I should have been keeping you more in the loop. Here are a few quick points about where we are with the items we've discussed:

- We have completed the exposure study, and are awaiting the final analytical results and resulting analysis. Without going into detail just yet, the conditions and the work activity in the facility we were permitted to conduct the study were not ideal for fully utilizing the protocol you supplied (and the security conditions made some of our activities even more difficult). Thus we will likely also need some additional time to fully understand the results in the context of that document.
- All six papers on the analysis of the NTP studies are ready and available for print. We are working on getting a journal supplement and commentary together now, and have approached some additional experts for their perspective.
- We are also trying to update some other exposure information we have, especially related to dry cleaning and other applications. Unfortunately much of this is older than we expected. Also, since it's from third-party sources, some critical information that would allow us to draw clear conclusions is incomplete or missing and thus we are trying to understand if we can close these gaps.

I have scheduled a quick project review with my team for Friday morning and will get an update for when these activities will be complete. This will allow me to understand when we might be ready to meet, and will encourage the team to suggest some times sooner rather than later given the delay since we last spoke. In the meantime, please let me know if you have any specific questions and I will respond ASAP.

Best Regards, Bob.

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From: "Parsons, Doug" <[Parsons.Douglas@epa.gov](mailto:Parsons.Douglas@epa.gov)>  
To: "Bob.Miller@albemarle.com" <[Bob.Miller@albemarle.com](mailto:Bob.Miller@albemarle.com)>  
Cc: "Corado, Ana" <[Corado.Ana@epa.gov](mailto:Corado.Ana@epa.gov)>  
Date: 05/30/2018 01:19 PM  
Subject: RE: Discussions with EPA on 1-BP

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Hey Bob

Just looping back on this email. Did you have a time to talk with your colleagues about these information sharing activities?

Thanks, doug

**From:** Parsons, Doug  
**Sent:** Friday, May 18, 2018 11:39 AM  
**To:** 'Bob.Miller@albemarle.com' <[Bob.Miller@albemarle.com](mailto:Bob.Miller@albemarle.com)>  
**Cc:** Corado, Ana <[Corado.Ana@epa.gov](mailto:Corado.Ana@epa.gov)>  
**Subject:** Discussions with EPA on 1-BP

Hello Bob

Thanks for the discussion today. Here are the next steps we discussed.

1. Can you please resend the tox papers you mentioned. You mentioned two were available. Are the other three available as well?
2. To schedule both our hazard and exposure people in the Risk Assessment Division, the possible available time slots are: May 30 @ 9, June 5 @ 3, June 6 @ 9, or June 7 @ 9. This is a few weeks out.
3. I know that you are close to initiating the exposure study, so if you want to meet only on the exposure study, Greg Macek, who is the exposure person, is available sooner. He could meet on May 22 @ 3, or May 23 @ 10:30 or 3:00. So might make sense to hold a call only on the exposure study with Greg, and then hold the larger call later? Up to you. Let me know.
4. And is it possible to send your protocol for the exposure study on the closed system vapor degreasers?

And here is the 2015 draft guidance on inhalation studies. Not sure if your team has this document.

Let me know what works best for you and your team.

Thank you.

doug

Douglas W. Parsons

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